



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,591	02/27/2002	Tetsuo Okamoto	JCLA8596	4998

23900 7590 10/19/2006

J C PATENTS, INC.  
4 VENTURE, SUITE 250  
IRVINE, CA 92618

EXAMINER
----------

NANO, SARGON N

ART UNIT	PAPER NUMBER
----------	--------------

2157

DATE MAILED: 10/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/090,591

Applicant(s)

OKAMOTO ET AL.

Examiner

Sargon N. Nano

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 7/24/06.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,2,4 - 7, 9 - 34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) 1,2,4 - 7, 9 - 34 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/06</u> . | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

1. This action is responsive to amendment filed on January 31, 2006. Claims 1, 6, 19, 25, 30 - 33 were amended, claims 1 - 2, 4- 7, 9 - 34 are pending examination.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claim 1 - 2, 4- 7, 9 - 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takano, U.S. Patent Application Publication US 2001/0041072. in view of Burbridge et al. U.S. Patent No. 6,965,855 (referred to hereafter as Burbridge).

As to claims 1, Takano teaches an information storage method and apparatus respectively, comprising:

receiving digital data input from an input device through a communication line  
(see paragraph 0012 , Takano discloses apparatus for receiving image input) ;  
storing the received digital data(see paragraph 0012 , Takano discloses the  
storing of digital image data); and  
transmitting access information for accessing a storage location of the stored  
digital data itself and a print instruction for printing the access information to an external  
device having a print function through the communication line wherein the access  
information includes a password for authentication process in order to access the stored

Art Unit: 2157

digital data and the password is managed by a data storage device (see paragraph 0012 , Takano discloses means for retrieval of digital image data and print after receiving information) , Takano discloses the invention as mentioned above. Takano does not explicitly teach that a password for authentication to access the stored digital data and the password is managed by a data storage device, However Burbridge teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge, col. 6 lines 28 – 57 and fig. 4) . It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system.

As to claim 2, Takano teaches the information storage method of claim 1, wherein the access information shows the storage location where the digital data is stored (see paragraph 0013 , Takano discloses the storing of image data in an external memory medium).

As to claim 4, Takano teaches the information storage method of claim 1, wherein the access information is included in each of a plurality of images on a single page, the plurality of images being defined by image data to be transmitted (see paragraph 0067, Takano discloses a list of images are outputted on an order form).

As to claim 5, Takano teaches the information storage method of claim 1, wherein the access information is included in each of a plurality of images on a respective plurality of pages, the plurality of images being defined by image data to be

transmitted (see paragraph 0065, Takano discloses means for identifying a group of digital image data).

As to claim 6, Takano teaches an information storage method, comprising:

receiving digital data input from an input device through a communication line;  
storing the received digital data(see paragraph 0012 , Takano discloses apparatus for receiving image input); and

transmitting access information for accessing a storage location of the stored digital data itself and distinguishing information for identifying the digital data to an external device having a print function through the communication line, wherein the access information includes a password for authentication process in order to access the stored digital data and the password is managed by a data storage device(see paragraph 0012 ) Takano does not explicitly teach that a password for authentication to access the stored digital data and the password is managed by a data storage device, However Burbridge teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge, col. 6 lines 28 – 57 and fig. 4) . It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system.

As to claim 7, Takano teaches the information storage method of claim 6, wherein the access information shows the storage location where the digital data is

Art Unit: 2157

stored (see paragraph 0013, Takano discloses the storing of image data in an external memory medium).

As to claim 9, Takano teaches the information storage method of claim 6, wherein the access information is included in each of a plurality of images on a single page, the plurality of images being defined by image data to be transmitted (see paragraph 0067, Takano discloses a list of images are outputted on an order form).

As to claim 10, Takano teaches the information storage method of claim 6, wherein the access information is included in each of a plurality of images on a respective plurality of pages, the plurality of images being defined by image data to be transmitted (see paragraph 0065, Takano discloses means for identifying a group of digital image data).

As to claim 11, Takano teaches the information storage method of claim 6, wherein the access information and the distinguishing information are included in a composed image being defined by image data to be transmitted (see paragraph 0152, Takano discloses the size of the image frames to be printed out).

As to claim 12, Takano teaches the information storage method of claim 6, wherein the digital data is image data and the distinguishing information is the image data having been edited (see paragraph 0152, Takano discloses the size of the image frames to be printed out).

As to claim 13, Takano teaches the information storage method of claim 12, wherein the image data defines a plurality of images on a respective plurality of pages,

and an edit of the image data is to make the image data define the plurality of images on a single page (see paragraph 0083).

As to claim 14, Takano teaches the information storage method of claim 12, wherein the edit of the image data is to include a same image in each of a plurality of locations (see paragraph 0083).

As to claim 15, Takano teaches the information storage method of claim 14, wherein the same image is included in each of a plurality of locations on a single page (see paragraph 0083).

As to claim 16, Takano teaches the information storage method of claim 14, wherein the same image is included in each of a plurality of locations on a respective plurality of pages (see paragraph 0083).

As to claim 17, Takano teaches the information storage method of claim 6, wherein the digital data is image data defining a plurality of images on a respective plurality of pages, and the distinguishing information is an image on a predetermined page among the plurality of images on the plurality of pages defined by the image data (see paragraph 0083).

As to claim 18, Takano teaches the information storage method of claim 17, wherein the image on the predetermined page is an image on the first or on the last page among the images on the plurality of pages defined by the image data (see paragraph 0083).

As to claim 19, Takano teaches an information storage method, comprising:

receiving digital data input from an input device through a communication line  
(see paragraph 0012 , Takano discloses apparatus for receiving image input);

storing a received digital data; and transmitting access information for accessing  
a storage location of a stored digital data and advertising information to an external  
device having a print function through the communication line (see paragraph 0012 ,  
Takano discloses means for issuing an ID for retrieval of digital image data and print  
after receiving information).

As to claim 20 Takano teaches, the information storage method of claim 19,  
wherein the access information shows the storage location where the digital data is  
stored (see paragraph 0083 and 0152).

As to claim 21, Takano teaches the information storage method of claim 19,  
wherein the access information comprises identification information for permitting  
reference to the stored digital data (see paragraph 0083 and 0152).

As to claim 22, Takano teaches the information storage method of claim 19,  
wherein the access information is included in each of a plurality of images on a single  
page, the plurality of images being defined by image data to be transmitted (see  
paragraph 0083 and 0152).

As to claim 23, Takano teaches the information storage method of claim 19,  
wherein the access information is included in each of a plurality of images on a  
respective plurality of pages, the plurality of images being defined by image data to be  
transmitted (see paragraph 0083 and 0152).



As to claim 24, Takano teaches the information storage method of claim 19, wherein charge information of an expense concerning the information storage can be changed (see paragraph 0083 and 0152).

As to claim 25, Takano teaches a digital data processing method, comprising inputting digital data; transmitting an input digital data to an external device that stores the digital data through a communication line wherein the access information includes a password for authentication process in order to access the stored digital data, (see paragraph 0012, Takano discloses apparatus for receiving image input); and

printing access information for accessing a storage location of the digital data itself on a print medium, the digital data being transmitted to and stored in the external device wherein access information includes a password for authentication process in order to access a stored data, and the password is managed by a data storage device (see paragraph 0012 ). Takano does not explicitly teach that a password for authentication to access the stored digital data and the password is managed by a data storage device, However Burbridge teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge col. 6 lines 28 – 57 and fig. 4) . It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system.

Art Unit: 2157

As to claim 26, Takano teaches the digital data processing method of claim 25, wherein the access information is received from the external device (see paragraph 0083 and 0152).

As to claim 27, Takano teaches the digital data processing method of claim 26, wherein the input digital data is image data and at least one portion of the digital data is stored, wherein the stored digital data and the received access information are combined and printed on the print medium (see paragraph 0083 and 0152).

As to claim 28, Takano teaches the digital data processing method of claim 26, wherein the input digital data is image data, and the input image data is edited and then printed on the print medium (see paragraph 0083 and 0152).

As to claim 29, Takano teaches the digital data processing method of claim 25, wherein the received access information and advertising information that is stored in advance or input from the external device are printed on the print medium (see paragraph 0083 and 0152).

As to claim 30, Takano teaches an information storage apparatus , comprising :  
a receiving device that receives digital data input from an input device through a communication lines;

a storing device that stores the received digital data; and a transmitting device that transmits access information for accessing a storage location of the stored digital data itself and distinguishing information for identifying the digital data to an external device having a print function through the communication line, wherein the access information includes a password for authentication process in order to access a stored

Art Unit: 2157

digital data and the password is managed by a data storage device (see paragraph 0012 ). Takano does not explicitly disclose that a password for authentication to access the stored digital data and the password is managed by a data storage device, However Burbridge teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge, col. 6 lines 28 – 57 and fig. 4) Takano does not explicitly teach It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system

As to claim 31, Takano teaches an information storage apparatus, comprising: a receiving device that receives digital data input from an input device through a communication line (see paragraph 0012, Takano discloses apparatus for receiving image input);

a storing device that stores a received digital data; and a transmitting device that transmits access information for accessing a storage location of a stored digital data and distinguishing information for identifying the digital data to an external device having a print function through the communication line, wherein the access information includes a password for authentication process in order to access the stored digital data and the password is managed by a data storage device(see paragraph 0012 ). Takano does not explicitly teach that a password for authentication to access the stored digital data and the password is managed by a data storage device, However Burbridge

Art Unit: 2157

teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge, col. 6 lines 28 – 57 and fig. 4) . It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system.

As to claim 32, Takano teaches an information storage apparatus, comprising: a receiving device that receives digital data input from an input device through a communication line (see paragraph 0012 , Takano discloses apparatus for receiving image input);

a storing device that stores a received digital data; and

a transmitting device that transmits access information for accessing a storage location of a stored digital data and advertising information to an external device having a print function through the communication line (see paragraph 0012 , Takano discloses means for issuing an ID for retrieval of digital image data and print after receiving information).

As to claim 33, Takano teaches a digital data processing apparatus, comprising an inputting device that inputs digital data;

a transmitting device that transmits the digital data that is input from the inputting device to an external device that stores the digital data through a communication line; and

a printing device that prints access for accessing a storage location of the digital data itself on a print medium, the digital data being transmitted to and stored in the external device. Takano does not explicitly disclose that a password for authentication to access the stored digital data and the password is managed by a data storage device. However, Burbridge teaches a system and a database stored on a server utilized for collecting information where a security is provided by a system to ensure that users logging into the system utilize the log in page. (see Burbridge, col. 6 lines 28 – 57 and fig. 4). It would have been obvious to one of the ordinary skill in the art at the time of the invention was made to include an authentication process using a password in Takano's invention to protect unauthorized access to the information stored in a system.

As to claim 34, Takano teaches the digital data processing apparatus of claim 33, further comprising a receiving device that receives the access information from the external device (see paragraph 0083 and 0152).

### ***Response to Arguments***

Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within

Art Unit: 2157

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N. Nano whose telephone number is (571) 272-4007. The examiner can normally be reached on 8 hour.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sargon Nano

Oct. 11, 2006

  
YVES DALENCOURT  
PRIMARY EXAMINER  
TECHNOLOGY CENTER 2100